

Section 15

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Peter HEY, et al

Assignee: APPLIED MATERIALS, INC.

Title: METHOD AND APPARATUS TO OVERCOME ANOMALIES IN COPPER SEED LAYERS AND TO TUNE FOR FEATURE SIZE AND ASPECT RATIO

Serial No.: 09/853,962

Confirmation Number: 6593

Filed: 10MY2001

Group Art Unit: 1762

Attorney Docket No.: 004582

Examiner: Unknown

Santa Clara, California
September 12, 2001

COMMISSIONER OF PATENTS AND TRADEMARKS

Washington, D.C. 20231

Attention: Manager

Applications Division

RESPONSE TO NOTICE TO FILE MISSING PARTS
OF APPLICATION - FILING DATE GRANTED

Sir:

In response to the Notice to File Missing Parts of Application - Filing Date Granted mailed by the United States Patent and Trademark Office on July 12, 2001, the following documents are enclosed to complete the filing of the above-identified patent application:

1. A combined declaration and power of attorney signed by inventor Byung-Sung Leo Kwak in compliance with 37 CFR 1.63 (3 pages);
2. A copy of the Notice to File Missing Parts of Application - Filing Date Granted

The United States Patent and Trademark Office is hereby authorized to charge the following fees to Deposit Account 50-1074;

- | | |
|--|--------------------|
| 1. Filing Fee - Original Patent Application (37 CFR 1.16(a)) | - |
| 2. Fees for claims | |
| ___ each independent claim in excess of 3 (37 CFR 1.16(f)) | - |
| ___ each claim in excess of 20 (37 CFR 1.16(c)) | - |
| ___ each multiple dependent claim (37 CFR 1.16(d)) | - |
| <u>X</u> Late Payment of filing fee or late filing of original
declaration or oath - (37 CFR 1.16(e)) | - \$ 130.00 |
| Total Completion Fees | - <u>\$ 130.00</u> |

3. Applicant petitions for an extension of time, the fees for which are set out in 37 CFR 1.17(a)-(d), for the total number of months checked below:

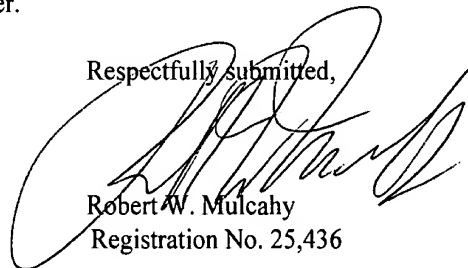
Extension (Months)	Fee for other than Small Entity
<input type="checkbox"/> One Month	\$ 110.00
<input type="checkbox"/> Two Months	\$ 390.00
<input type="checkbox"/> Three Months	\$ 890.00
<input type="checkbox"/> Four Months	\$1,390.00

If an additional extension of time is required please consider this a petition therefor.

4. The Commissioner is hereby authorized to charge \$130.00 and any additional fees which may be required, or credit any overpayment, to Deposit Account No.50-1074.

It is hereby respectfully submitted that the enclosed documents complete the filing of the above-named patent application and justify the filing date of May 10, 2001. Please telephone the undersigned at (408) 563-2726 , if there are any questions regarding this matter.

Respectfully submitted,



Robert W. Mulcahy
Registration No. 25,436

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on 9/12/01.

Signature:


Maureen Walstra



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/853,962	05/10/2001	Peter Hey	AMAT/4582/ISM/COPPER/DV

CONFIRMATION NO. 6593

FORMALITIES LETTER



OC000000006285978

PATENT COUNSEL
APPLIED MATERIALS, INC.
Legal Affairs Department
P.O.Box 450A
Santa Clara, CA 95052

REC'D JUL 16 2001

Date Mailed: 07/12/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The signature of the following inventor(s) is missing from the oath or declaration:
Byung-Sung Leo Kwak
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

*A copy of this notice **MUST** be returned with the reply.*

H.T.
Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

09/20/2001 MWOLDER1 00000038 501074 09853962

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